

621.3M3
S79
1940
A

The Commonwealth of Massachusetts : Dept. of
civil service and
registration: Division of
registration

ANNUAL REPORT
OF THE
STATE EXAMINERS OF
ELECTRICIANS

FOR THE
YEAR ENDING NOVEMBER 30, 1940



1941
95.

1-3-41

STATE LIBRARY OF MASSACHUSETTS

APR 9 1941

STATE HOUSE, BOSTON

YR1A911 3TAT2
70
2TT3BURDA22AM

621.3M3
S79r
1940
A

ANNUAL REPORT

OF THE

STATE EXAMINERS OF ELECTRICIANS

To the Honorable Senate and House of Representatives:

In accordance with section 2, chapter 141, and sections 32 and 32a, chapter 30, of the General Laws, as amended by sections 4 and 4a of chapter 499 of the General Acts of 1939, the State Examiners of Electricians submit herewith their annual report for the year ending November 30, 1940.

From the first day of December, 1939, to the thirtieth day of November, 1940, applicants were examined and were passed or rejected as shown in the following tables:

Result of Examinations held from December 1, 1939, to November 30, 1940.

Examinations	Examined	Passed	Failed
1939			
Boston, December 6	69	12	57
New Bedford, December 7 }			
New Bedford, December 8 }	30	5	25
1940			
Boston, January 3	23	3	20
Lowell, January 4	2	1	1
Worcester, February 8	33	3	30
Boston, February 12	42	5	37
Fall River, March 7 }			
Fall River, March 8 }	28	2	26
Boston, March 11	53	10	43
Springfield, April 4	35	6	29
Boston, April 8	64	9	55
Boston, May 1	56	10	46
Worcester, May 2	48	5	43
Boston, June 6	122	15	107
Boston, September 11	83	5	78
Worcester, September 12	26	4	22
Springfield, October 16	31	3	28
Pittsfield, October 17	18	3	15
Boston, November 13	61	17	44
Lowell, November 14	19	2	17
Total	843	120	723

FINANCIAL STATEMENT

The following table shows the receipts of the State Examiners of Electricians for the fiscal years 1937, 1938, 1939 and for the fiscal year commencing December 1, 1939 and ending November 30, 1940:

<i>Receipts</i>				
	1937	1938	1939	1940
<i>Masters</i>				
Application Fees	\$2,215.00	\$1,865.00	\$1,775.00	\$1,690.00
Renewal fees	20,100.00	20,385.00	20,325.00	20,355.00
Total fees from Masters	\$22,315.00	\$22,250.00	\$22,100.00	\$22,045.00
<i>Journeyman</i>				
Application fees	\$1,800.00	\$1,546.00	\$1,567.00	\$1,525.00
Renewal fees	9,153.00	9,099.00	9,012.00	8,947.00
Certified Statements	16.00	15.00	13.00	14.00
Total fees from Journeymen.....	\$10,969.00	\$10,660.00	\$10,592.00	\$10,486.00
Total paid to Treasurer of Commonwealth	\$33,284.00	\$32,910.00	\$32,692.00	\$32,531.00

<i>Expenditures</i>	
Salaries	\$15,382.32
Additional clerical and stenographic assistance	583.02
Printing	606.02
Office supplies, etc.	594.06
Postage	520.15
Expenses in connection with examinations	49.00
Travel	3,942.50
Rent, light, water, etc.	1,349.98
Total	\$23,027.05

Financial Statement Verified.

Approved.

WALTER S. MORGAN,

Comptroller.

EXAMINATIONS, 1941

Examinations are scheduled to be held at the following points and on the following dates:

Boston	Wednesday	Jan. 8	Boston	Wednesday	June 4
Lowell	Thursday	Jan. 9	Boston	Wednesday	Sept. 10
Boston	Wednesday	Feb. 5	Worcester	Thursday	Sept. 11
Worcester	Thursday	Feb. 6	Springfield	Wednesday	Oct. 15
Boston	Wednesday	Mar. 5	Pittsfield	Thursday	Oct. 16
Fall River	Thursday	Mar. 6	Boston	Wednesday	Nov. 5
Fall River	Friday	Mar. 7	Lowell	Thursday	Nov. 6
Boston	Wednesday	Apr. 2	Boston	Wednesday	Dec. 3
Springfield	Thursday	Apr. 3	New Bedford	Thursday	Dec. 4
Boston	Wednesday	May 7	New Bedford	Friday	Dec. 5
Worcester	Thursday	May 8			

CERTIFICATES

Certificates issued during fiscal years

	1937	1938	1939	1940
Masters (Class A)	50	37	45	39
Journeyman (Class B)	115	109	121	97

Certificates renewed during fiscal years:

	1937	1938	1939	1940
Masters (Class A)	1,340	1,359	1,355	1,357
Journeyman (Class B)	9,153	9,099	9,012	8,947

Certified Statements of Registration issued during fiscal years:

	1937	1938	1939	1940
Journeyman (Class B)	16	15	13	14

RECOMMENDATIONS FOR LEGISLATION

1. The General Laws are not clear as to the appointing authority for the employees of the examiners of electricians in the division of registration in the department of civil service and registration.

The state examiners of electricians were created by St. 1915, C296, S. 2. and appointed a clerk and other assistants to perform their duties. The constitutional convention of 1918 directed that the state government be reorganized into not more than twenty departments which was carried out by St. 1919, C350. This chapter placed the examiners of electricians in the division of registration in the department of civil service and registration but the appropriations for the personal services of the executive secretary and other employees continued to be made to the examiners until 1926. Since then the salaries of these employees have been paid from appropriations for personal services in the division of registration.

When the General Laws became effective the personnel of the board of examiners was defined by C13, S.32 and the powers and duties of the examiners by C141. Said C13, S.32, G. L. (Ter. Ed.) authorizes the examiners to appoint an executive secretary but does not define the appointing authority for the other employees, who work under the direction of the executive secretary.

It is therefore recommended that C13 be amended to clarify this situation. A bill approved by the Counsel for the House of Representatives has been filed with the Secretary of the Commonwealth.

2. The examiners of electricians are authorized, by Chapter 141, Section 4 of the General Laws, to suspend or revoke electricians' licenses for failure or refusal to comply with their rules, after a hearing has been held. In many cases the only persons who know, of their own knowledge, who performed certain defective work, are the persons who hired the work done or who were present when it was done. These persons often refuse to appear to give testimony when told they must come without a witness fee and at their own expense.

Evidence is often conflicting and as no one is under oath a witness may testify to anything he wishes without fear of punishment. In many cases written contracts, invoices and other records would quickly bring out the truth, particularly in hearings on transferring or assigning a license.

It is therefore recommended that Chapter 141 be amended to authorize the Board to summon witnesses, administer oaths, and take testimony. A bill approved by the Counsel for the House of Representatives has been filed with the Secretary of the Commonwealth for this purpose.

Licenses have been revoked or suspended for violation of the rules and requirements of the Examiners as follows:

Master's License Revoked	1
Masters' Licenses Suspended.....	4
Journeyman's Licenses Revoked	3
Journeyman's Licenses Suspended	9

In accordance with the requirements of St. 1939, c. 49, ss. 4 and 4A, a list of all rules and regulations made by the State Examiners of Electricians is submitted as follows:

RULES AND REQUIREMENTS FOR THE BUSINESS OF INSTALLING WIRES, CONDUITS, APPARATUS, FIXTURES AND OTHER APPLIANCES FOR CARRYING OR USING ELECTRICITY FOR LIGHT, HEAT OR POWER PURPOSES.

The following rules and requirements were adopted pursuant to the provisions of G. L. (Ter. Ed.) C. 141, ss. 2 and 4:

All persons, firms and corporations entering into, engaging in or working at the business of installing wires, conduits, apparatus, fixtures or other appliances for carrying or using electricity for light, heat or power purposes, either as a master or employing electrician or as a journeyman electrician, shall be governed by all general and special laws, and municipal ordinances, by-laws and regulations, now or hereafter in force applicable thereto, and in respect to all matters not therein expressly provided shall, on and after January 1, 1941, be governed by the standards set forth in the 1940 National Electrical Code as published by the National Board of Fire Underwriters on recommendation of the National Fire Protection Association, copies whereof, duly attested by the technical secretary of said association are on file with the Secretary of the Commonwealth and with this Board.

Applications for renewal of masters' licenses must be signed by the member of a firm or the officer of a corporation taking the examination.

Two or more journeymen associated as partners, or otherwise, shall not engage in the business of installing wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes, without the necessary master electrician's license.

In the case of the death of a holder of a master's certificate who is conducting a business either as an individual or a copartnership, his estate shall be allowed a period of two months to settle up such business.

The following rules for examinations have been adopted pursuant to the provisions of G.L. (Ter. Ed.) C.141, s2:

All examinations shall be given in English.

Applicants for Class "B" or journeyman's certificate must be at least 18 years of age and have had at least two years' practical experience or the equivalent in the installation of wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes.

Applicants for Class "A" or master's certificate must be at least 21 years of age and have had at least two years' experience or the equivalent in the business of installing wires, conduits, apparatus, fixtures and other appliances for carrying or using electricity for light, heat or power purposes.

Examinations shall consist of applicant's knowledge of the National Electrical Code and practical electrical work.

All persons desiring to be examined, either for a Master or Journeyman's certificate, shall have his application on file at least ten days previous to the date of such examination.

Applicants for examination will be required to obtain at least 70% in order to obtain a certificate.

Applicants who fail to obtain the required 70% will not be entitled to re-examination until a period of three months has elapsed and those who receive less than 50%, or who fail on the practical demonstration, will not be re-examined for a period of six months.

Any person found referring to notes or books, or misbehaving during an examination will be debarred from that examination. Notice will be sent to applicants for certificates when and where examinations will be held, and only those so notified will be examined on that day. Any appeal to the State Examiners of Electricians on the markings of examination papers must be made within thirty days of notice of failure.

In accordance with G.L. (Ter. Ed.) C.112, s88, the State Examiners of Electricians will issue to any of its licensees a statement of registration certifying the name, address, license number and date of expiration of license upon the payment of the fee of \$1.00. In case any additional information is furnished, the fee shall be \$2.00.

The Examiners of Electricians have issued 39 original masters' licenses and 97 original journeymen's licenses during the fiscal year which ended on November 30, 1940. The provisions of Chapter 141 of the General Laws and the rules and requirements of the Board have been enforced by the four investigators employed by the Examiners. Several persons who violated the Law were prosecuted in Court and fined for working without licenses. The Department has assisted the local Wire Inspectors in the enforcement of the rules and requirements and local ordinances, by-laws and regulations.

Respectfully submitted,

STATE EXAMINERS OF ELECTRICIANS

STEPHEN C. GARRITY, *Chairman*
State Fire Marshal.

ULYSSES J. LUPIEN,
Director of Civil Service.

WALTER F. DOWNEY,
Commissioner of Education.

ALBERT FRANK.
WALTER J. KENEFICK.

January 24, 1941.

HARRISON C. WITHERELL, *Executive Secretary.*

Room 303, 14 Beacon St., Boston, Mass.

